APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

LOLGOPOLSKII, I.

Zavodskaya Laboratoriya, vol. 7, 7 figures, 5 tables, 3300 words;1938.

Determination of Austenite Grain Size in Carbon Steel by McQuaid-Ehn Method.

Brutcher Trans, Order No. 636, $3.30.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Method of Compensation Polargraphy, by Y. S. Yalikov, 8 pp.

RUSSIAN, per, Zavod Lab, Vol VII, 1938, pp 24-29.

SLA/R-2445

Sci
Apr 59

84,883

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Zavod Lab. Vol 7, page 29-32 (1938) ?

The Determination of Acetylene in Liquid Oxygen
by L. S. Aizenshtein

AEC Translation (Available Brookhaven)

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Polarographic Method of Iron Determination in Ores and Slags in the Metallurgic Industry, by Yu. S. Lyalikov, 13 pp.

RUSSIAN, per, Zavod Lab, Vol VII, 1938, pp 395-399.
9669143

DDC RSIC-15

OTS 63-19897

Sci - M/M
Jun 63

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Pahenitsen, P. A. and Lavrovich, O. S.
NEW ELECTROLYZER FOR ELECTROLYTICAL DECOMPOSITION OF ALKALI SALTS (Novyi Elektrolizer dlya Elektrolliticheskogo Razlozheniya Shchelochnykh Solei). [1963] [5]p. (foreign text included) 2 refs
Order from OTS or SLA $1.10 63-18120

Trans. of Zavodskaya Laboratoriya (USSR) [1938] v. 7, p. 622-623.

DESCRIPTORS: *Electrolysis, Decomposition, *Alkali metal compounds, Centrifugal pumps, Mercury, Sodium compounds, Silicates, Salts,

(Chemistry--Physical, TT, v. 10, no. 12)

63-18120

1. Title: Electrolyzers
I. Pahenitsen, P. A.
II. Lavrovich, O. S.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Device for Determining the Apparent Density of Porous and Surface-Cracked Substances, by M. A. Vigurovskiy.

RUSSIAN, per, Zavod Lab, Vol VII, No 7, 1938, pp 800, 801.

HB 4637

Soi - Chem

Feb 60

108, 504

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

The Citrate Method of Determining Phosphoric Anhydride, by M. I. Vokova, Z. Glyeva and B. N. Melent'ev, 6 pp,

RUSSIAN, per, Zavod Lab, Vol VII, 1938, pp 891, 892.

SLA R-2214

Sci

Aug 58

72,117

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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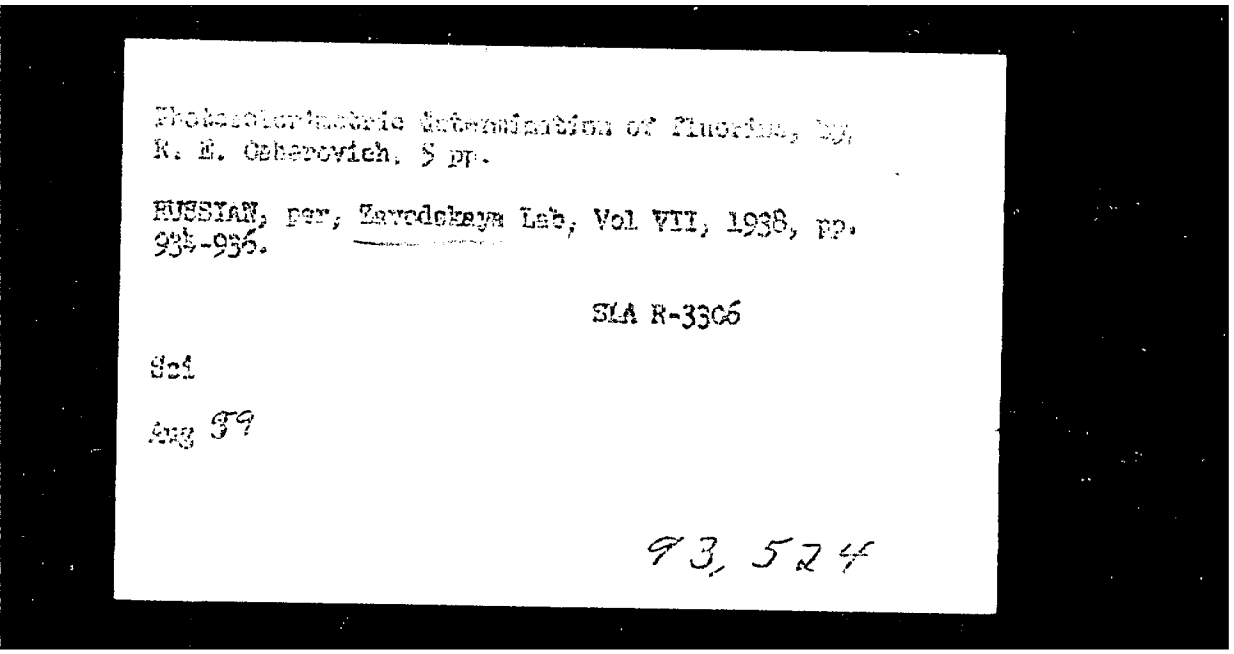

Photoelectrometric Determination of Fluorine, by K. E. Cheberovich, 5 pp.

RUSSIAN, per, Zavodskaya Lab, Vol VII, 1938, pp. 935-936.

SLA R-3306

Sel

Aug 39

93, 524

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Quantitative Separation of Niobium (Columbium) and Tantalum from Titanium and Zirconium by Means of Pyrogallic Acid, by I. P. Alimarin, B. I. Frid, 18 pp.

RUSSIAN, mo per, Zav Lab, Vol VII, No 2, 1938, pp XXI 1109-1116.

Sci Tr Center
RT-3927

37,867

Sci - Chemistry

Aug 1956

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Zavod Lab, Vol 7, page 1257-60 (1938)?

The Determination of Acetylene in Liquid Oxygen
by L. S. Aizenshtein

AEC Trans (Avail. Brookhaven)

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

BODIN, M. A.

Zavodskaya Laboratoriya, vol. 8, No. 1, 1 table, 1000 words; 1939.

Determination of Iron by the Ferrocyanide Method.

Brutcher Trans, Order No. 1671, $ 1.50.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

STOCHLL, N.

Zavodskaya Laboratoriya, vol. 8, 1 diagram, 4 tables, 3350 words; 1939.

Determination of Ferrous and Ferric Oxide in Sponge Iron.

Brutcher Trans, Order No. 1510, $ 4.15.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

SHPORTENKO, P. I.

Zavodskaya laboratoriya, vol. 8, 1 table, 600 words; 1939.

A Shorter Method for Titanium in Ferrotitanium.

Brutcher Trans, Order No. 1674, $1.20.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

FEDOROV, A.

Zavodskaya laboratoriya, vol. 8, 8 figures, 1 table, 1400 words; 1939.

Spectroanalytical Determination of Zirconium, Titanium, and Columbium in Alloy Steels.

Brutcher Trans, Order No. 1162, $1.85.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

The Determination of Sesquioxides as Phosphates, by A. G. Filippova, 6 pp.

RUSSIAN, per, Zavod Lab, Vol VIII, 1939, pp 98-101.

SLA R-2298

Sci

Aug 58

72,115

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

SHCHERBAKOV, V.

Zavodskaya Laboratoriya, vol. 8, 1939, pp. 389-391; 2 tables, 1850 words.

Determination of Cobalt and Nickel in Green and Sintered Tungsten-Carbide Base Compacts.

Brutcher Trans, Order No. 1317, $2.30

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Simple Method of Making a Step Wedge for Spectrum Analysis in Ultraviolet, by N. Sventitskiĭ

RUSSIAN, per, Zavod Lab, Vol VIII, 1939, pp 512-514,

AEC-tr-1802

Also Available--M Brutcher Tr No 1434

Scientific - Chemistry

11,062

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Detection of Defects in Metallic Objects by an Ultrasonic Method, by D. S. Shraiber

Full translation.

RUSSIAN, per, Zavod Lab, Vol VIII, No 7, 1939, pp 816-825.

AEC Tr 1606

Scientific - Physics

Jun 53 CTS/DMX

Also Avail @ British Sci Mus No 52/1634
A.E.R.E. 11/3/5/178

3085

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Determination of Lithium in Aluminum Alloys by Spectral Analysis, by K. A. Sukhenko, 3 pp.

RUSSIAN, per, Zavod Lab, Vol VIII, No 8, 1939, pp 836-837.

Sci Trans Center RT-3241

32,072

Sci - Physics

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Determination of Silicic Acid in Aluminate Solutions Containing Chromium and Fluorine, by K. A. Vasil'ev and O. D. Barinova, 9 pp.

RUSSIAN, per,Zavod Lab, Vol VIII, 1939, pp 916-920.

SLA R-2447

Sci

Aug 58

72,823

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Determination of Phosphorus and Its Halides, by O. D. Khalizova, 6 pp.

RUSSIAN, per, Zavodskaya Lab, Vol VIII, 1939, pp 940 943.

SLA R-2924

Sci

Jul 59

91,400

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

FRANTAEVICH, I.
AND OTHERS.

Zavodskaya Laboratoriya, vol. 8, 1939, pp. 953-956;
16 figures; 2900 words.

Radiographic Method for Rapid Determination of Evolution of Gases in the Melting and Pouring of Steel.

Brutcher Trans, Order No. 815, $2.90.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Determination of Free Oxide ofCalcium by the Phenol Method, by D. A. Nirenshtein.

RUSSIAN, per, Zavod Lab, Vol XVIII, 1939, pp 1066-1069.

CSIRO

Sci - Chem
May 62

196,438

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

D

Gravimetric Determination of Phosphorus by Means of 8-Hydroxyquinoline, by I. R. Shik, 3 pp.

RUSSIAN, per, Zavodskaya Lab, Vol VIII, No 10-11, 1939, pp 1179-1181.

3

SLA R-3811

Sci

Aug 59

93,526

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

KUZMIN, YE.

Zavodskaya Laboratoriya, vol. 9, 5 figures, 350 words; 1940.

How to Develop Grinding Burns on Hardened Steel Surfaces.

Brutcher, Trans. Order No. 1364, $1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

FOGELSON, E.
KAZACHKOVA, F.

ZAVODSKAYA LABORATORIYA, vol 9, 1940

Colorimetric Determination of Molybdenum in High Molybdenum Alloy Steels

Brutcher Tr 977, $1.20

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

FOGELSON, E.

Zavodskaya Laboratoriya, vol. 9, 950-word part translation; 1940.

Use of Phenylanthranilic Acid for Determining Vanadium in Steels and Small Quantities of Chromium in Iron.

Brutcher Trans, Order No. 981, $1.20

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

SHKOTOVA, S.

Zavodskaya Laboratoriya, vol. 9, 1 table, 800 words; 1940.

Quick Method for Chromium in Steels with up to 3% Chromium.

Brutcher Trans, Order No. 959 $1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

KHVALOV, M.

Zavodskaya Laboratoriya, vol. 9, 1 figures, 500 words; 1940.

Determination of Actual Grain Size in Plain Carbon Steel for Springs.

Brutcher Trans, Order No. 996, $ 1.00.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

BUDAEV, S.
SHPORTENKO, P.

Zavodskaya Laboratoriya, vol. 9, 1 table, 400 words; 1940.

Quick Method for Chromium in Acid Slags.

Brutcher Trans, Order No. 1435 $1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

LVOV, G.

Zavodskaya Laboratoriya, vol. 9, 525 words; 1940

Ether Method for Detecting Surface Cracks on Steel Parts.

Brutcher Trans, Order No. 976, $1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

VASILEV, P.

Zavodskaya Laboratoriya, vol. 9, 3 figures, 1 table, 1300 words; 1940.

New Method of Testing Thin Wire for Plasticity.

Brutcher Trans., Order No. 1148, $1.60

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

A Visual Method of Detection of Gas Occlusions in Welds From Heavily Coated Electrodes, by V. Bushin

RUSSIAN, per Zavod Lab, Vol IX, 1940.

Brutcher Tr No 1428

16,811

Scientific - Min/Metals $1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

NEW TREND IN THE METHODS OF DETERMINING OXYGEN IN ALLOY STEELS, BY G. YA. VEYNBERG.

RUSSIAN, PER, ZAVOD LAB, NO 1, 1940, PP 23-25.

NLL M.3411

SCI - M/M

JUN 62

199,155

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Chemical Analysis of Chromites, by N. V. Lazarev. UNCL

RUSSIAN, per, Zavod Lab, Vol IX, 1940, p 152.

DSIR LLU M.1174

(loan)

Sci - Chem
Feb 60

108,410

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Determination of Phosphorus in Limestones in the Formo of the Molybdenum Hydroxyquinoline Complex of Phosphoric Acid, by V. S. Matsevich, 3 pp.

RUSSIAN, per, Zavod Lab, Vol IX, No 2, 1940, pp 229-230.

SIA R-3305

Sci
Jul 59

92, 991

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Rapid Determination of the Oxides of Aluminum in Alumina and Alumina-Silicate Cements, by V. T. [illegible]nskaya, 6 pp.

RUSSIAN, Zavod Lab, Vol 9, No 3, pp 300-304, 1940.

Sci Museum Lib No 51/0570 - London

Sci -

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Use of the Polargraph for Rapid Analysis,
by G. I. Malyarevskiy, 12 pp.

RUSSIAN, per, Zavod Lab, Vol IX, 1940,
pp 400--407..

SLA R-2902

Sci

Jul 59

91,427

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

The Determination of Gases in Samples of Molten Steel in the Course of a Heat, by the Hot Extraction Method, by P. S. Lebedev.

RUSSIAN, per, Zavod Lab, No 4, 1940, pp 436-444.

MLL M.4277

Sci - Chem

193,754

May 62

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

YELTSIN, YU. V
YURCHENKO, A. A.

Zavodskaya Laboratoriya, vol. 9, No. 7, 9 figures, 2700 words; 1940.

Determination of thickness of decarburized skin on carbon tool steel.

Brutcher, Trans. Order No. 1556, $3.90

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Vol'kenshtein, M. V., Shorygin, P. P., and Shomova, N. N.
ANALYSIS OF GASOLINES BY THE METHOD OF RAMAN SPECTRA. [1961] [4]p. 14 refs.
Order from OTS or SI A $1.10 61-20362

Condensed trans. of [Zavodskaya Laboratoriya (USSR) 1940, v. 9, no. 8] p. 860-864.

DESCRIPTORS: *Gasoline, *Raman spectroscopy, *Hydrocarbons, Spectrographic analysis

(Chemistry--Analytical, TT, v. 6, no. 10)

61-20362

I. Vol'kenshtein, M. V.
II. Shorygin, P. P.
III. Shomova, N. N.

7325

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Electromagnetic Vacuum Balance, by A. S. Mikulinskiy, F. V. Gel'd,

RUSSIAN, per, Zavod Lab, Vol IX, 1940, pp 921,922.

*JPRS for AEC

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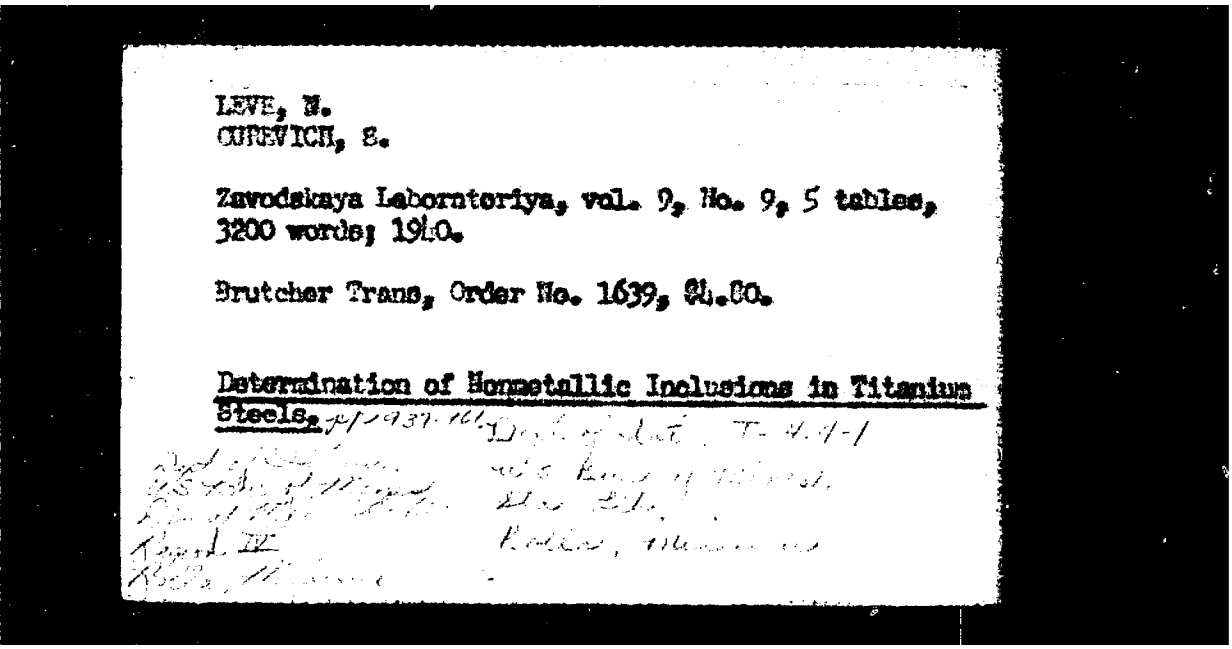
APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1



LEVE, M.
CHREVICH, S.

Zavodskaya Laboratoriya, vol. 9, No. 9, 5 tables, 3200 words; 1940.

Brutcher Trans, Order No. 1639, $4.00.

Determination of Nonmetallic Inclusions in Titanium Steels.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

SHRAIBER, D. S.

Zavodskaya Laboratoriya, vol. 9, 20 figures, 6200 words; 1940. pp 1001-1108

Testing of Metals by the Use of Supersonics.

Brutcher Trans, Order No. 1669, $9.30.

HEC 2.
(hist 9 no Jan 58)

S.L.A. Lt R-185/Jan 57

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Pavlov, K. F. and Gerasimova, N.
DETERMINATION OF OIL IN (DETERGENT) EMULSIONS. [1961] 1p.
Order from OTS or SLA $1.10 61-20353

Abstract trans. of Zavodskaya Laboratoriya (USSR) 1940, v. 9, no. 9, p. 1036-1037.

DESCRIPTORS: *Detergents, Colloids, *Oils, Determination.

(Chemistry--Analytical, TT, v. 6, no. 12)

61-20353

I. Pavlov, K. F.
II. Gerasimova, N.

18206

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Method and Apparatus for Analysis of Small Amounts of Hydrocarbon Gases, by M. V. Aristarkhoba, E. V. Filippova, et al.

RUSSIAN, per, Zavod Lab, Vol IX, No 10, 1940, pp 1096-1101.

SIA 61-20352

Sci
Mar 62

189,548

Vol VII, No 2

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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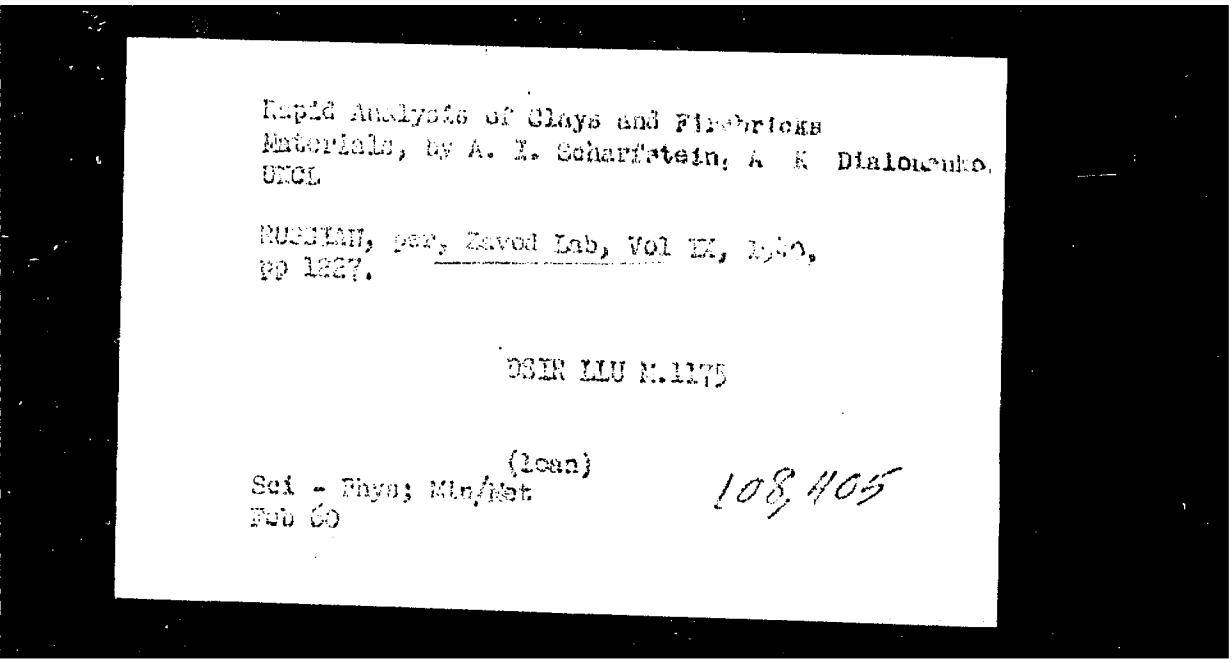

Rapid Analysis of Clays and Refractory Materials, by A. I. Scharfstein, A. K. Dialovenko, UKCL

RUSSIAN, per, Zavod Lab, Vol XX, 1954, pp 1227.

DSIR LLU M.1175

(Loan)
Sci - Phys; Min/Met
Feb 60

108405

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Application of Photoelectric Method in Colorimetry, by I. I. Bronshtein.

RUSSIAN, per, Zav Lab, Vol IX, No 10, 1940.

Brutcher Tr No 1735

Scientific + Min/Metals $2.55

16,662

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Preparation of Standard Solution of Titanium, by S. T. Belyuk.

RUSSIAN, Zav Lab, Vol X, 1941.

Brutcher Tr No 1501

Scientific - Min/Metals $1.00

15,029

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

DEMALYR, V.

ZAVOD LAB vol 10, 1941

Rapid method for determining sulphur in coke and coal

Brutcher Trans 1167, $1.05

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

ZHIGA 10 A
KANATUROVA T.

Zavodskaya Laboratoriya, vol. 10, 2 figures, 2 tables, 1400 words; 1941.

Influence of Non-magnetic Coatings on Sensitivity of Magnetic Powder Analysis.

Brutcher Trans, Order No.1166, $1.70

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

VINOKUROV, M.

Zavodskaya laboratoriya, vol. 10, 1 table, 900 words; 1941.

Spectrographic Analysis of Stainless Steels for Titanium in the Ultraviolet.

Brutcher Trans, Order No. 1311, $1.15.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Spectroanalytical Quantitative Determination of Al and Other Alloyed Elements in Steel With the Use of A-C Arc as Source of Light, by Ya. Belkevich, L. Bruk, N. Sventitskiy.

RUSSIAN, per. Zavod Lab, Vol X, 1941.

Brutcher Tr No 1398

Scientific - Minerals/Metals

$2.95 14,425

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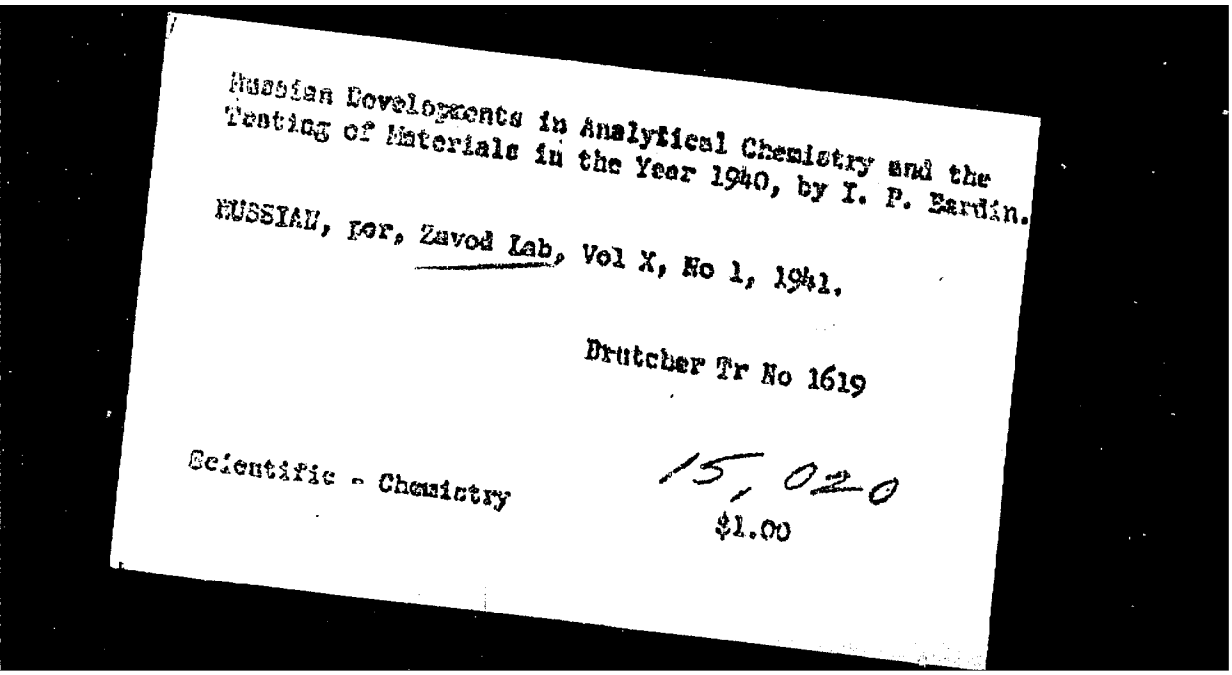

Russian Developments in Analytical Chemistry and the Testing of Materials in the Year 1940, by I. P. Bardin.

RUSSIAN, Zor, Zavod Lab, Vol X, No 1, 1941.

Drutcher Tr No 1619

Scientific - Chemistry

15,020

$1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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PRINTSMETAL, E.

Zavodskaya Laboratoriya, vol. 10, 1 figure, 1 table; 900 words; 1941.

Quantitative Spectrographic Analysis of Ferrosilicon for Silicon.

Brutcher, Trans.Order No. B 39, $1.25

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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KATSEN, L.

Zavodskaya Laboratoriya, vol. 10, No. 1, 4 figures, 2 tables, 950-word abstract; 1941.

Rapid Analysis of Molten Steel for its Gas Content.

Brutcher Trans, Order No. 1137, $1.15.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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FROLOV, V.

Zavodskaya Laboratoriya, vol. 10, 500 words;
1941.

Split Sleeve for the Sampling of Welding Rods.

Brutcher Trans., Order No. 1315, $1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Kvartin, M. Ya. and Ovchinnikova, E. I.
EVALUATION OF THE TENDENCY OF TURBINE AND TRANSFORMER OILS TO FORM LOW MOLECULAR ACIDS. [1961] 5p. 3 refs.
Order from OTS or SLA $1.10 61-16882

Condensed trans. of Zavodskaya Laboratoriya (USSR) 1941, v. 10, no. 1, p. 39-42.

DESCRIPTORS: *Oils, Tests, Turbines, Transformers, Chemical reactions, Mathematical production, Probability, Oxidation, *Fatty acids, Acids.

Tests were carried out with thirteen turbine and four transformer oils. The performance of these oils was then noted during periods of up to 25 months. It was found that the laboratory method of K. I. Ivanov et al, offers a prediction of the behavior of the oil with a probability of 75%. In most cases of disagreement, the oil showed a neutral reaction during the performance, (Engineering--Chemical, TT, v. 6, no. 9) (over)

61-16882

I. Kvartin, M. Ya.
II. Ovchinnikova, E. I.

285409

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Popova, N. V. and Orechkin, D. B.
RAPID METHOD OF DETERMINATION OF PYRIDINE BASES AND PHENOLS IN PRODUCTS OF DESTRUCTIVE HYDROGENATION. [1961] [3]p. 5 refs.
Order from OTS or SLA $1.10 61-20350

Condensed trans. of Zav[odskaya] Lab[oratoriya] (USSR) 1941, v. 10, no. 1, p. 46-50.

DESCRIPTORS: *Pyridines, *Phenols, Determination, Fuels, *Gasoline, Coal, Hydrogenation.

(Chemistry--Analytical, TT, v. 6, no. 10)

61-20350

I. Popova, N. V.
II. Orechkin, D. B.

17324

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Methods of Quantitative Analysis of Minerals and Solutions. Part IX. Effect of the Volatility of the [redacted] Components of the Ore on the Intensity of the Spectral Lines, by A. K. Rusanov, V. M. Alekseyeva, 28 pp.

RUSSIAN, per. Zavod Laboratoriya, Vol X, No 1, 1941, pp 51-61.

Sci Tr Ctr KT-3242

34,576

Scientific - Chemistry

May 56 CTS/dex

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Methods of Quantitative Spectral Analysis of Minerals and XX Solutions. Part IX. Effect of the Components of the Ore on the Intensity of the Spectral Lines, by A. K. Rusanov, B. I. Bodunkov, O. U. Movchan, 16 pp.

RUSSIAN, per, Zavodskaia Laboratoriya, Vol X, No 2, 1941, pp 170-176.

Sci Trans Center RT-3243

Scientific - Physics, Min/Metals

~~32,642~~

32825

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Rapid Reduction Method for Determination of Total Sulfur in Coals and Coke, by A. P. Shakhno.

RUSSIAN, per, Zavod Lab, Vol X, No 3, 1941, pp 313, 314.

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Pittsburgh, Pa.
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Sci - Chem

Dec 59

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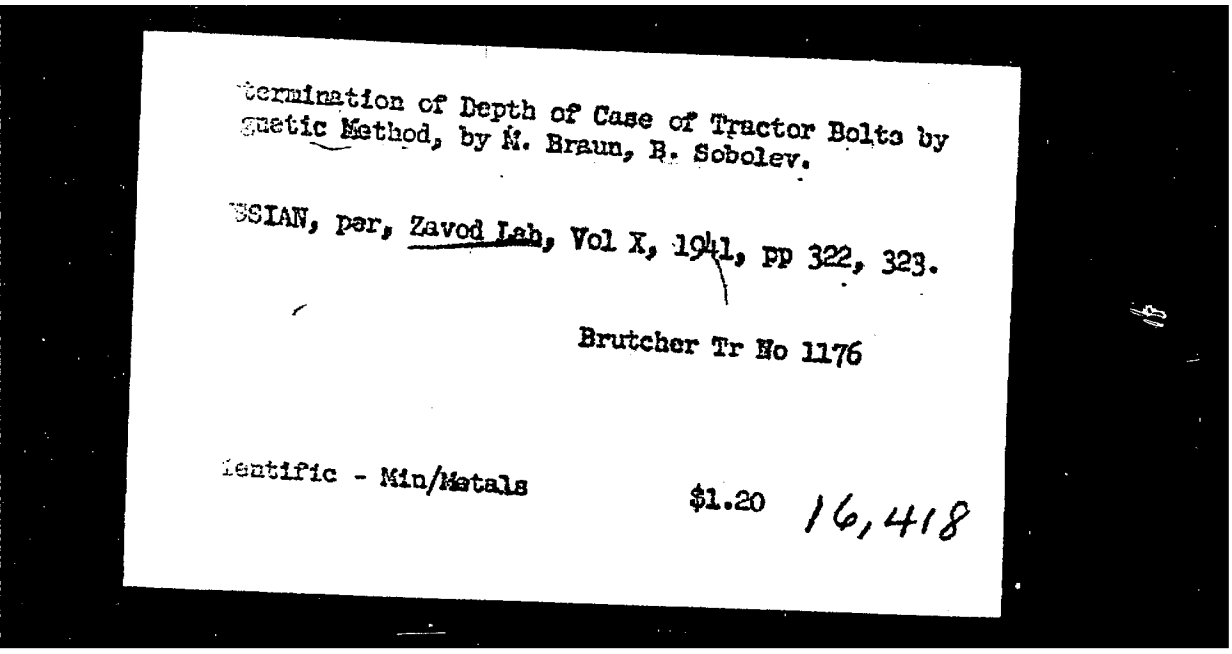

termination of Depth of Case of Tractor Bolts by
gnetic Method, by M. Braun, B. Sobolev.

SSIAN, per, Zavod Lab, Vol X, 1941, pp 322, 323.

Brutcher Tr No 1176

Ientific - Min/Metals

$1.20 16,418

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FRENKEL, R. I.

Zavodskaya Laboratoriya, vol. 10, No. 3, 450 words; 1941

Determination of Free Sulphuric Acid in Pickling Baths.

Brutcher Trans, Order No. 1570, $ 1.00

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Polarographic Analysis of Pyrolusite for Copper, Nickel, Cobalt, and Iron, by M. A. Portnow, G. I. Suschentzova, 7 pp.

RUSSIAN, per, Zavod Lab, Vol X, 1941, pp 462-464.

SLA 57-1514

Jul 58

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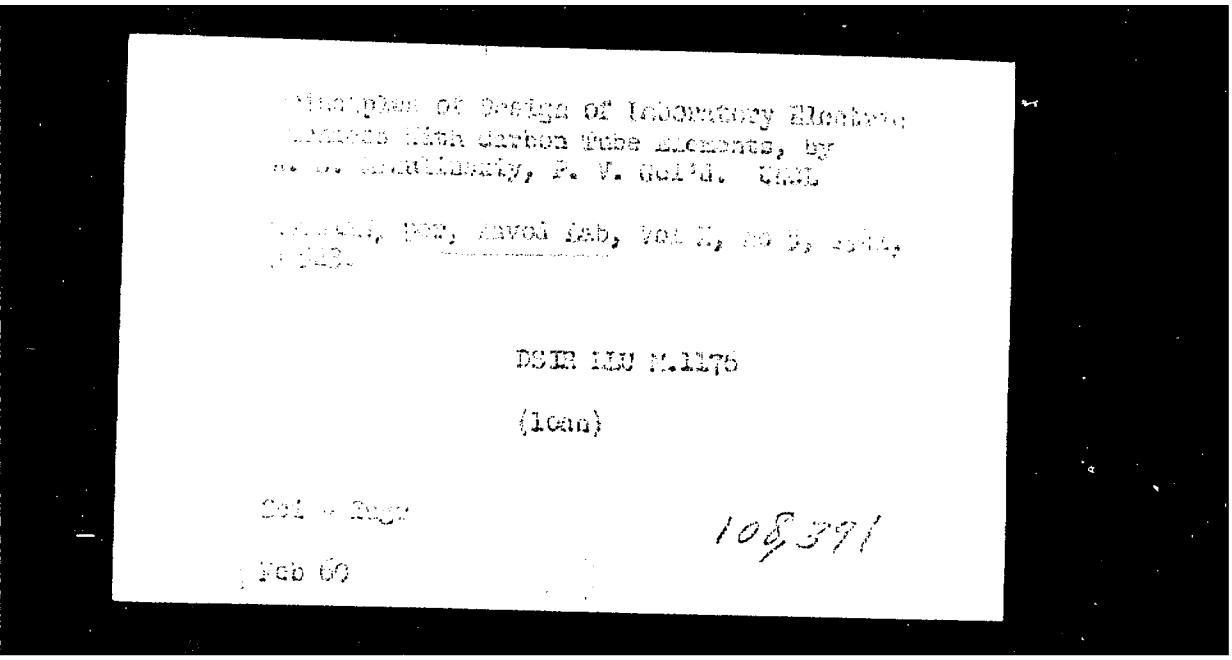

Application of Design of Laboratory Electron-
Tubes With Carbon Tube Elements, by
W. W. Bradbury, P. V. Gold. USN

Washington, DC, Naval Lab, Vol 7, no 2, 1959,
p 1-23.

DSIR ILU M.1175

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Chem - Engr

Feb 60

108371

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Quantitative Spectrographic Analysis for Silicon in Ferrosilicon, by E. Printsmetal, 5 pp.

RUSSIAN, per, Zavod Lab, Vol X, 1941, pp 626, 627. (Loan Copy Only).

SLA R-2063

Sci

Aug 58

71,139

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Note on the Deep Etching of Specimens, by A. Babiy

RUSSIAN, per. Zavod Lab, Vol X, 1941.

Brutcher Tr No 1284.

$1.00

Scientific - Min/Metals

14,871

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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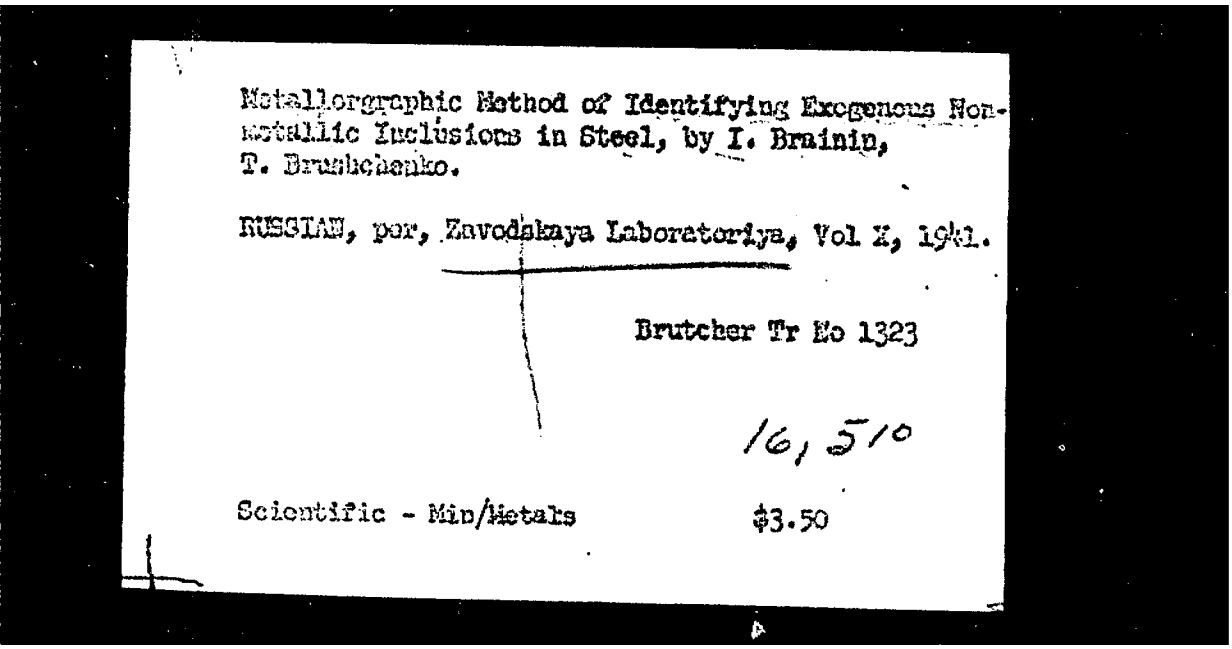

Metallorgraphic Method of Identifying Exogenous Non-metallic Inclusions in Steel, by I. Brainin, T. Brushchenko.

RUSSIAN, por, Zavodskaya Laboratoriya, Vol X, 1941.

Brutcher Tr No 1323

16,510

Scientific - Min/Metals $3.50

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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GEGECHKORI, N. M.
FALKOVA, O. B.

Zavodskaya Laboratoriya, vol. 11, no. 1,
3 figures, 1 table, 1500 words; 1945

Spectrochemical Determination of Boron in Steel.

Brutcher Trans, Order No. 1764, $2.25

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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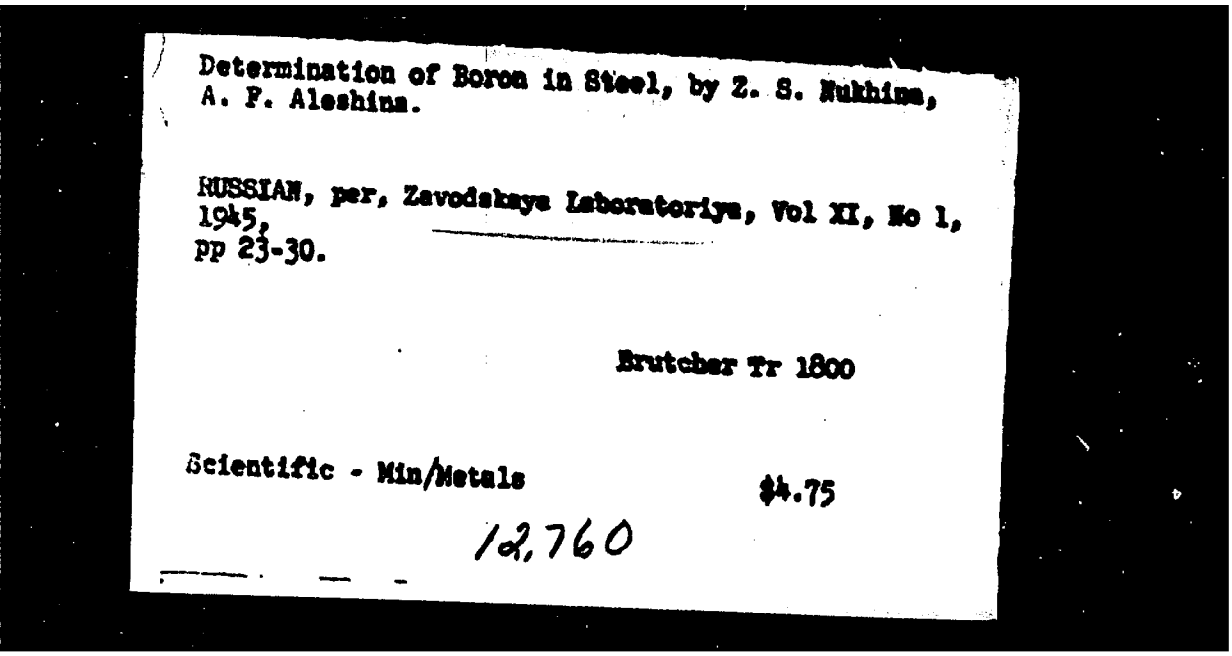

Determination of Boron in Steel, by Z. S. Nukhina, A. F. Aleshina.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XI, No 1, 1945, pp 23-30.

Brutcher Tr 1800

Scientific - Min/Metals

$4.75

12,760

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Method of Sorting Steels Based on Sign of Thermo-electric Effect, by S. V. Skorikov, A. I. Askenazi, M. V. Dekhtyar.

RUSSIAN, per, Zavod Lab, Vol XI, No 1, 1945, pp 95-98.

Brutcher Tr No 2767

Scientific - Minerals/Metals
$4.20 14,528

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GALPERIN, L. V.

Zovodskaya laboratoriya, vol. 11, 1945, No. 1, pp. 105-108; 3 figures, 2 tables, 1700 words.

Photocolorimetric Determination of Titanium in Heat Resisting Steels by Compensation Method.

Brutcher Trans, Order No. 1811, $2.55.

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Zavod lab, (2/3), 195-208, 1945.

"Study of the Anisotropy of Mechanical Properties of Steel"

Done in G.B. by ACSIL (Admiralty)
49/4665
A 21554T

See Index Aero, May 1950, p. 63

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Lur'ye, Yu. Yu. and Tal', Ye. M.
USE OF THE PHOTOCOLORIMETER IN VOLUMETRIC ANALYSIS. Pt. 2. of Methods of Precipitation and Complex Formation. [1960] 10p.
Order from ATS $14.60 ATS-63M45R

Trans. of Zavodskaya Lab[oratoriya] (USSR) 1945, v. 11, no. 6, p. 506-511.

151468

(Chemistry--Analytical, TT, v. 3, no. 8)

61-12376

1. Colorimetry--Instrumentation
2. Chemical analysis--Instrumentation
I. Lur'ye, Yu. Yu.
II. Tal', Ye. M.
III. Title: Methods...
IV. ATS-63M45R
V. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-4101

Office of Technical Services

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Use of Cacotheline in Volumetrical Analysis,
by K. L. Kuchment, A. I. Gengrinovich,

RUSSIAN, per, Zavod Lab, Vol XI, No 7,
1945, pp 267-269.

Sci Tr Center
Tr.455

Scientific - Chemistry

18,905

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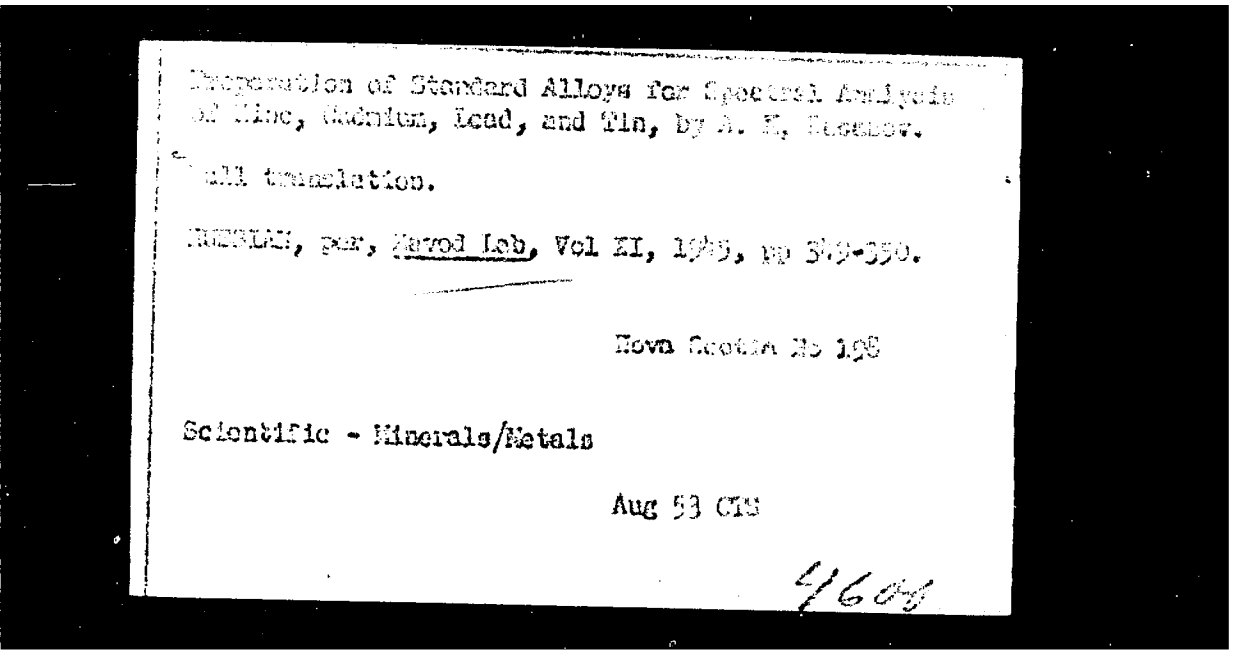

Preparation of Standard Alloys for Spectral Analysis
of Zinc, Cadmium, Lead, and Tin, by A. K. Sleptsov.

Full translation.

ZAVODSKAYA, per, Zavod Lab, Vol XI, 1942, pp 349-350.

Nova Scotia No 198

Scientific - Minerals/Metals

Aug 53 CTS

4604

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Spectral Analysis of the Aluminum Alloys,
by A. R. Strigunov, K. A. Sukhenko, 22 pp.

RUSSIAN, per, Zavod Lab, Vol XI, 1945,
pp 685-694.

Sci Trans Center RT-3240

32,071

Sci - Physics

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Determination of Reduced Titanium in Titaniferous Blast Furnace Slags, by E. M. Chernomordik

RUSSIAN, per, Zavod Lab, Vol XI, No 9, 1945, pp 800-802.

Brutcher Tr 3123

Scientific - Minerals/Metals
CTS/DEX Price $2.50

7858

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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POPOVA, N.M.

ZAVOD. LAB. vol 11, 1945, No 10, pp 887-893

Determination of Iron Carbide in Steel

Brutcher Trans No. 2711 $6.90

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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GULYAEV, AP

Zavodskaya Laboratoriya, vol. 12, No. 1, 5 figures, 3400 words; 1946.

Phase Analysis of Steel.

Brutcher Trans, Order No. 1841, $4.95.

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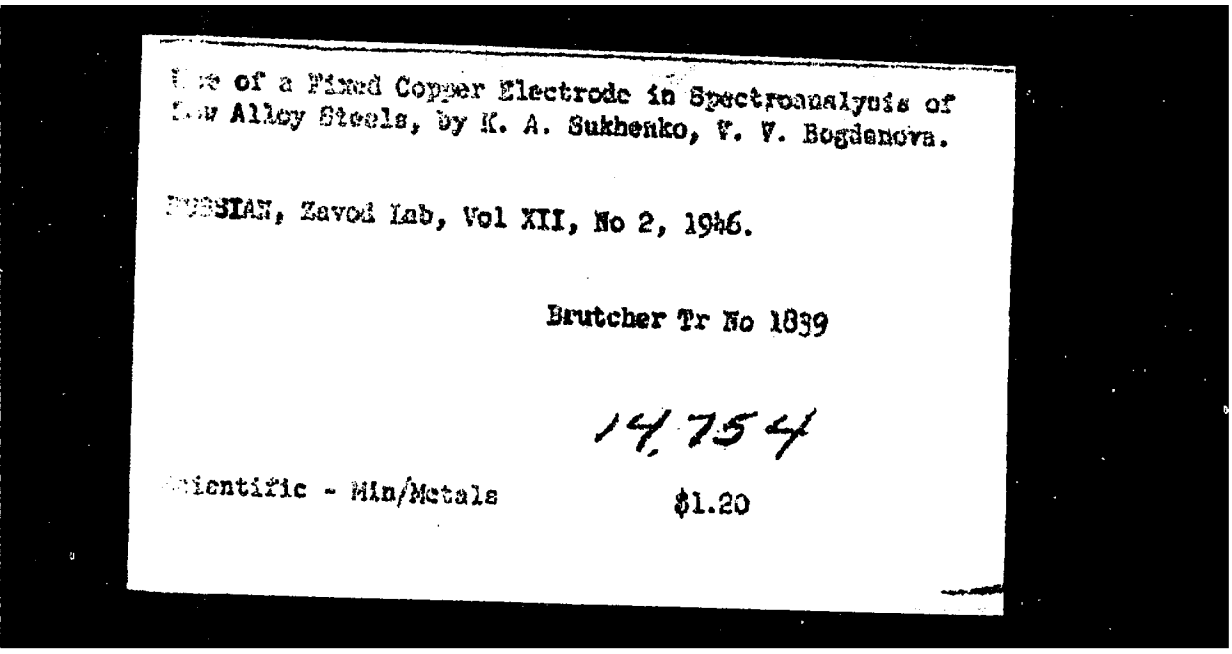

Use of a Fixed Copper Electrode in Spectroanalysis of Low Alloy Steels, by K. A. Sukhenko, V. V. Bogdanova.

RUSSIAN, Zavod Lab, Vol XII, No 2, 1946.

Brutcher Tr No 1839

14,754

Scientific - Min/Metals

$1.20

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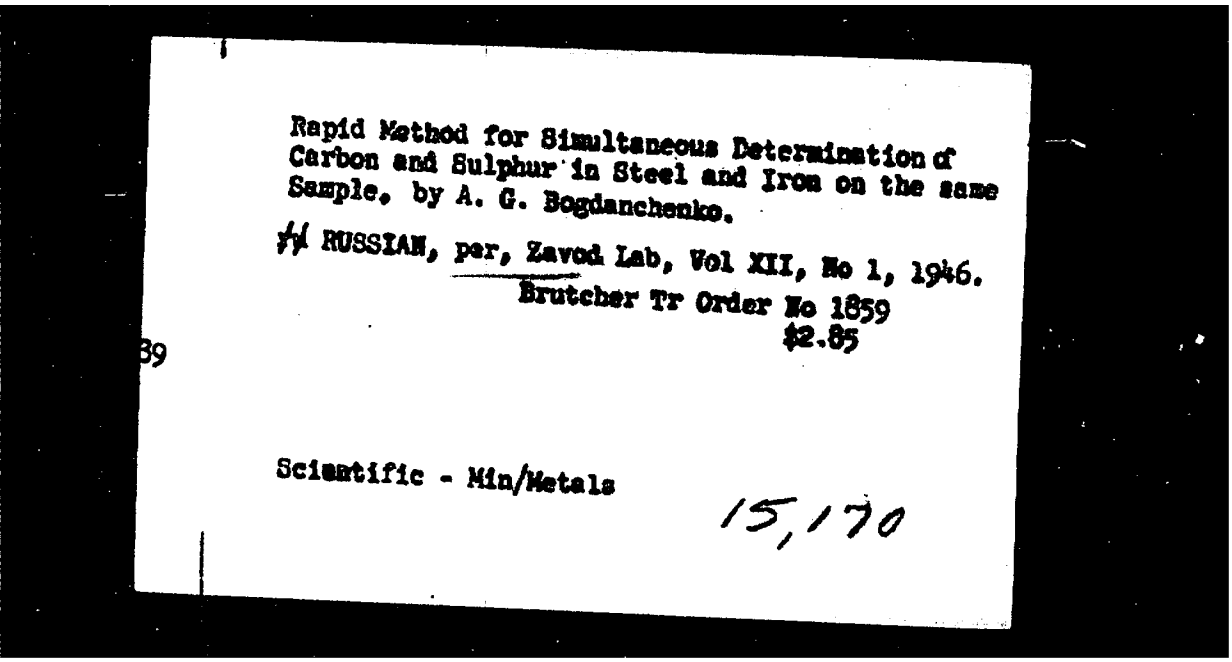

Rapid Method for Simultaneous Determination of Carbon and Sulphur in Steel and Iron on the same Sample, by A. G. Bogdanchenko.

// RUSSIAN, per, Zavod Lab, Vol XII, No 1, 1946.

Brutcher Tr Order No 1859
$2.85

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Scientific - Min/Metals

15,170

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TANANAEV, N. V.

Zavodskaya Laboratoriya, vol. 12, No. 2,
500 words; 1946.

Rapid Determination of Silica in Blast Furnace
Slag by Use of Cabinetmaker's Glue.

Brutcher Trans, Order No. 1843, $ 1.20.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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GOLOVIN, A. V.

Zavodskaya laboratoriya, vol. 12, No. 2, 2 tables, 500 words; 1946.

The Sorting of Carbon Steels by their Brinell Hardness.

Brutcher Trans, Order No. 1888, $1.20.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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SOBINYAKOVA, N. M.

Use of Pendulum Method in Testing Bituminous Coke for Binding Power.

Zavodskaya Laboratoriya, vol. 12, No. 2, 1 figure, 2 tables, 1500 words; 1946, pp 203-205(?)

Brutcher Trans, Order No. 2074, $3.00.

OTS 61-20412

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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RATNER, S. I.

Zavodskaya Laboratoriya, vol. 12, no. 2,
5 figures, 2 tables, 2200 words; 1946

Comparative Study of Mechanical Properties of
0.7& Carbon Tool Steel in Tension, Torsion,
and Compression.

Brutcher Trans, Order No. 1879, $3.60

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Determination of Ethyl Alchool in Aqueous Solutions At Low Concentration, by N. V. Chalov, L. P. Volskaya, 9 pp.

RUSSIAN, per, Zavodskaya Lab, Vol XII, 1946, pp 286-291.

SLA 59-10287

Sci - Chem
Sep 59
Vol 2, No 1

97,243

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SHAPIRO, M. M.

Zavodskaya Laboratoriya, vol. 12, No. 3, 7 figures, 2 tables, 2000 words; 1946.

Analysis of Bearing Steel for Nonmetallic Inclusions.

Brutcher Trans, Order No. 1919, $3.00.

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L'VOVA, O. V.

Zavodskaya Laboratoriya, vol. 12, 1946, No. 3, pp. 373-375; 2 figures, 1 table 1250 words.

Potentiometric Determination of Chromium and Vanadium in Steel and Iron, Using Flat Polarized Platinum Electrodes.

Brutcher Trans., Order No. 2078, $1.95

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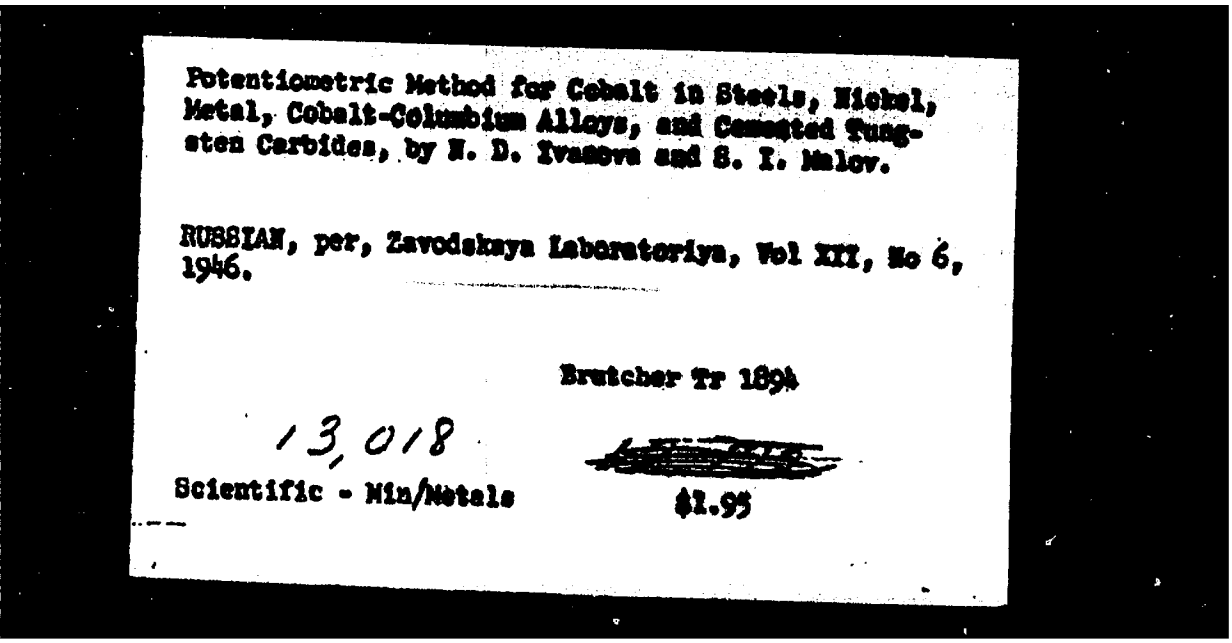

Potentiometric Method for Cobalt in Steels, Nickel, Metal, Cobalt-Columbium Alloys, and Cemented Tungsten Carbides, by N. D. Ivanova and S. I. Malov.

RUSSIAN, per, Zavodskaya Laboratoriya, Vol XII, No 6, 1946.

Brutcher Tr 1894

13,018

Scientific - Min/Metals

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$1.95

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The Estimation of Some Derivatives of Cyanamide in Complex Mixtures, by A. A. Korinfskiy, 4 pp.

RUSSIAN, per Zavod Lab, Vol XII, 1946, pp 418-421.

RT-245
SML 53/0935

Scientific - Chemistry

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List - 30 May 1953

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The Influence of Third Elements in the Spectro-analysis of Steel, by N. M. Gegechkori, T. B. Yedneral and I Mendelshtam, 19 pp.

RUSSIAN, per, Zavod Lab, Vol XII, No 6, 1946, pp 559-568. (Loan Copy Only).

SIA R-2064

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Aug 58

71,136

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APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

TARAYAN, V.M.

ZAVOD. LAB. vol 12, #6, 1946

Potentiometric Determination of Beryllium

Brutcher Trans 1938, $2.45

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Phase Analysis of Steel, Part II, by A. P. Gulyayev,

RUSSIAN, per, Zavod Lab, Vol XII, No 7/8, 1946, pp 646-650.

26,075

Brutcher Tr 3540
$3.80

Scientific - Min/Metals

Aug 55 CTS

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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GERKE, F. K.

Zavodskaya laboratoriya, vol. 12, # 11-12, 1000-word part translation; 1946.

Microchemical Control of Chromium Plating Baths.

Brutcher Trans, Order No. 2049, $ 1.50.

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

Rapid Determination of Copper in Ferrotitanium, by D. Ya. Darkov.

RUSSIAN, Zavod Lab, Vol XII, No 6, 1946.

Brutcher Tr No 1922

15,016

Scientific - Chemistry $2.85

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

APPROVED FOR RELEASE: Wednesday, July 02, 2003 CIA-RDP91-00929R000200990010-1

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Full translation.

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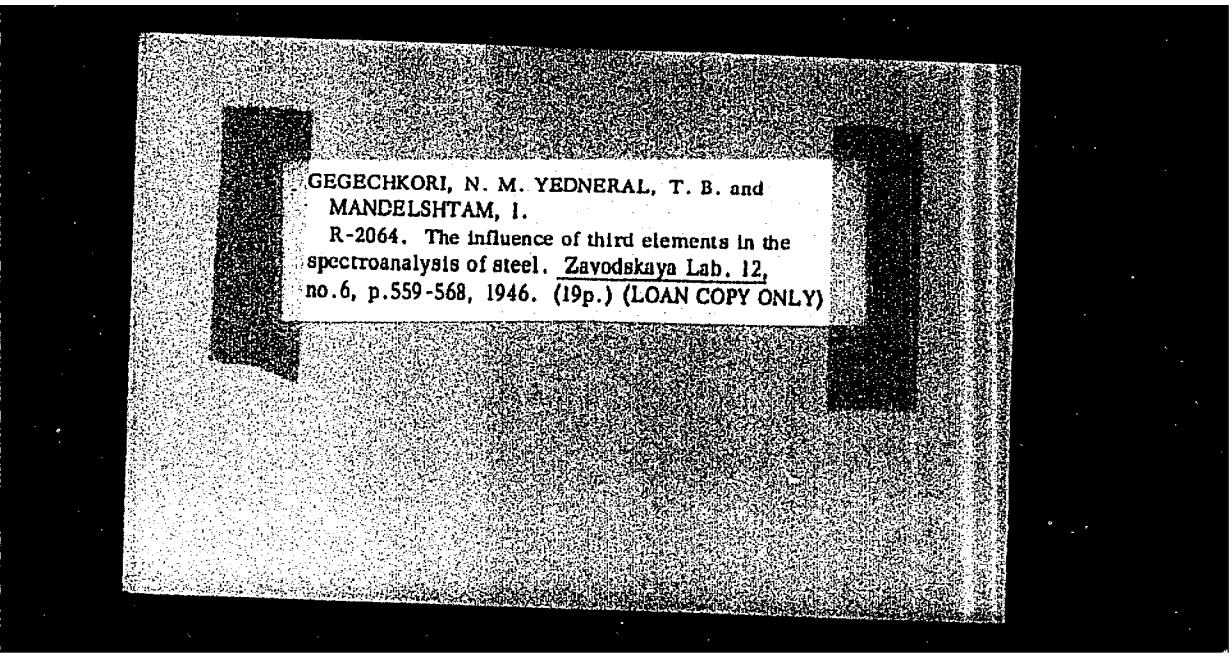

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